C:\stnweb\Queries\89.str

chain nodes :
    7   8   9   10   11   15   16   18   19   20   21   22   23   24   25   29   30   31   32   33   34
ring nodes :
    1   2   3   4   5   6
chain bonds :
    5-7   7-8   8-9   9-10   10-11   15-16   15-18   15-19   16-20   16-21   20-32   21-22   21-29   22-23
    23-24   23-25   29-30   29-31   32-33   32-34
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6
exact/norm bonds :
    10-11   15-18   15-19   23-24   23-25   29-30   29-31   32-33   32-34
exact bonds :
    5-7   7-8   8-9   9-10   15-16   16-20   16-21   20-32   21-22   21-29   22-23
normalized bonds :
    1-2   1-6   2-3   3-4   4-5   5-6
isolated ring systems :
    containing 1 :

G1:O,S

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:CLASS   10:CLASS
    11:CLASS   15:CLASS   16:CLASS   18:CLASS   19:CLASS   20:CLASS   21:CLASS   22:CLASS   23:CLASS
    24:CLASS   25:CLASS   29:CLASS   30:CLASS   31:CLASS   32:CLASS   33:CLASS   34:CLASS

```
* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *
```

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   SEP 09   CA/CAplus records now contain indexing from 1907 to the
                    present
NEWS 4   DEC 08   INPADOC: Legal Status data reloaded
NEWS 5   SEP 29   DISSABS now available on STN
NEWS 6   OCT 10   PCTFULL: Two new display fields added
NEWS 7   OCT 21   BIOSIS file reloaded and enhanced
NEWS 8   OCT 28   BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9   NOV 24   MSDS-CCOHS file reloaded
NEWS 10   DEC 08   CABA reloaded with left truncation
NEWS 11   DEC 08   IMS file names changed
NEWS 12   DEC 09   Experimental property data collected by CAS now available
                    in REGISTRY
NEWS 13   DEC 09   STN Entry Date available for display in REGISTRY and CA/CAplus
NEWS 14   DEC 17   DGENE: Two new display fields added
NEWS 15   DEC 18   BIOTECHNO no longer updated
NEWS 16   DEC 19   CROPU no longer updated; subscriber discount no longer
                    available
NEWS 17   DEC 22   Additional INPI reactions and pre-1907 documents added to CAS
                    databases
NEWS 18   DEC 22   IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19   DEC 22   ABI-INFORM now available on STN
NEWS 20   JAN 27   Source of Registration (SR) information in REGISTRY updated
                    and searchable
NEWS 21   JAN 27   A new search aid, the Company Name Thesaurus, available in
                    CA/CAplus
NEWS 22   FEB 05   German (DE) application and patent publication number format
                    changes
NEWS 23   MAR 03   MEDLINE and LMEDLINE reloaded
NEWS 24   MAR 03   MEDLINE file segment of TOXCENTER reloaded
NEWS 25   MAR 03   FRANCEPAT now available on STN
NEWS 26   MAR 29   Pharmaceutical Substances (PS) now available on STN
NEWS 27   MAR 29   WPIFV now available on STN
NEWS 28   MAR 29   No connect hour charges in WPIFV until May 1, 2004
NEWS 29   MAR 29   New monthly current-awareness alert (SDI) frequency in RAPRA

NEWS EXPRESS   MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
                MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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        * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:20:35 ON 01 APR 2004

```
=> file reg
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                ENTRY        SESSION
FULL ESTIMATED COST                              0.21          0.21

FILE 'REGISTRY' ENTERED AT 15:20:42 ON 01 APR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   31 MAR 2004   HIGHEST RN 669692-30-2
DICTIONARY FILE UPDATES:  31 MAR 2004   HIGHEST RN 669692-30-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
L1        STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1                STR
 0 31 S 32
Page 1-A
```
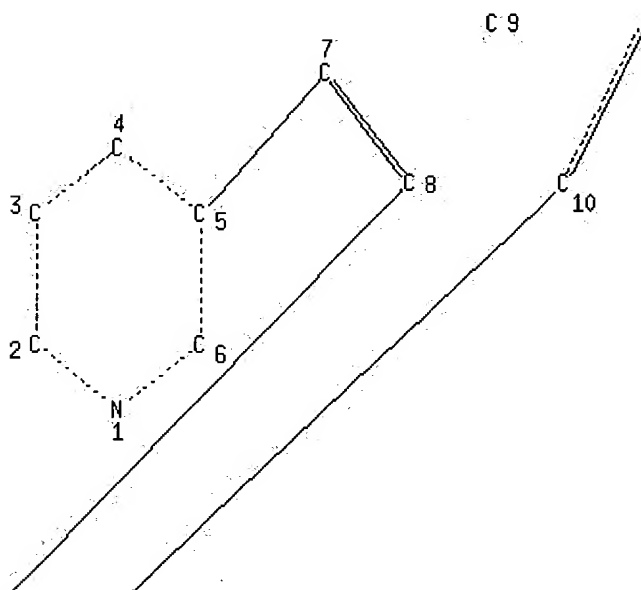

Page 1-B

11
N

Page 1-C

Page 2-A

21
Ak

15
G1

19 C M2

C
20

C 13

M1 O
16

18
C

Page 2-B

G1
22

Page 2-C

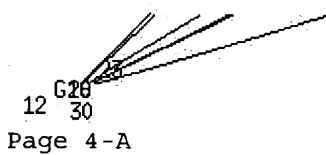Page 3-A

14
C
M1

24
C

17 C M2

G1
25

27
C
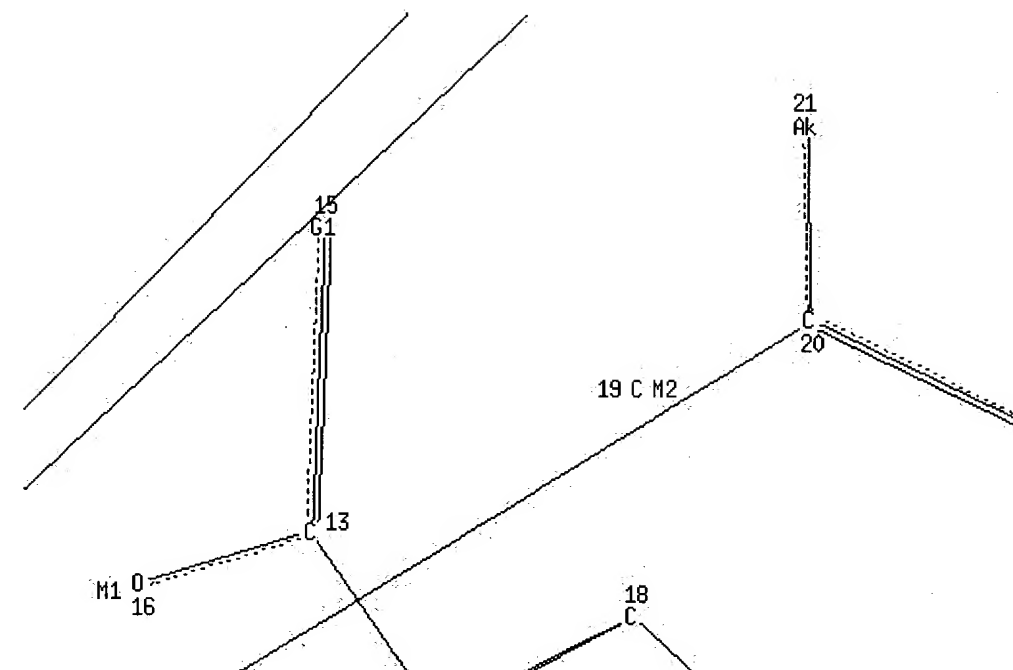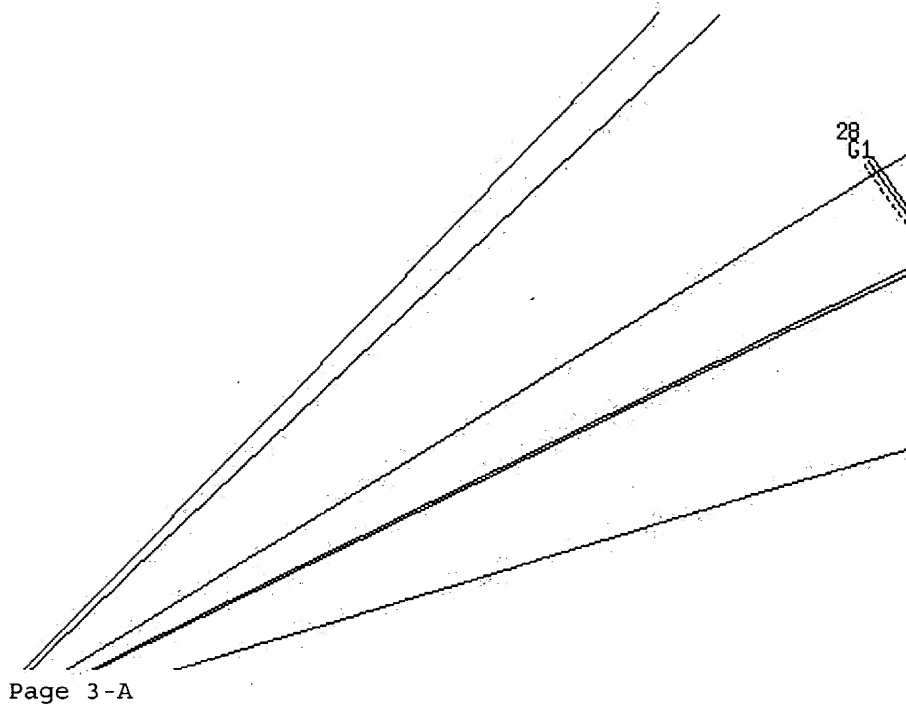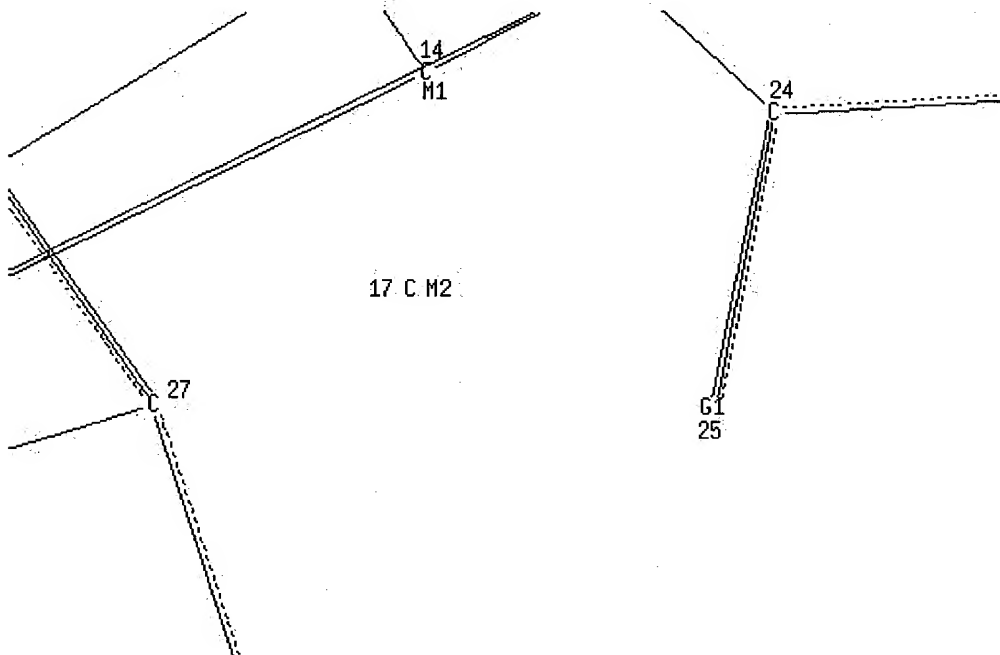
Page 3-B

=0 M1
26
Page 3-C

G28
12 30
Page 4-A

Ak
29

```
Page 4-B
VAR G1=31/32
REP G18=(1-2) 17-14 17-27
REP G19=(1-2) 19-18 19-20
REP G20=(1-2) 9-8 9-10
NODE ATTRIBUTES:
HCOUNT   IS M1      AT  14
HCOUNT   IS M1      AT  16
HCOUNT   IS M2      AT  17
HCOUNT   IS M2      AT  19
HCOUNT   IS M1      AT  26
NSPEC    IS R       AT   1
NSPEC    IS R       AT   2
NSPEC    IS R       AT   3
NSPEC    IS R       AT   4
NSPEC    IS R       AT   5
NSPEC    IS R       AT   6
NSPEC    IS C       AT   7
NSPEC    IS C       AT   8
NSPEC    IS C       AT   9
NSPEC    IS C       AT  10
NSPEC    IS C       AT  11
NSPEC    IS C       AT  12
NSPEC    IS C       AT  13
NSPEC    IS C       AT  14
NSPEC    IS C       AT  15
NSPEC    IS C       AT  16
NSPEC    IS C       AT  17
NSPEC    IS C       AT  18
NSPEC    IS C       AT  19
NSPEC    IS C       AT  20
NSPEC    IS C       AT  21
NSPEC    IS C       AT  22
NSPEC    IS C       AT  23
NSPEC    IS C       AT  24
NSPEC    IS C       AT  25
NSPEC    IS C       AT  26
NSPEC    IS C       AT  27
NSPEC    IS C       AT  28
NSPEC    IS C       AT  29
NSPEC    IS C       AT  30
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT    7   8   9 10 11 13 14 16 17 18 19 20 21 24 26 27 29
              31 32
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS  32

STEREO ATTRIBUTES: NONE


=> s 11
SAMPLE SEARCH INITIATED 15:26:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      0 TO ITERATE

100.0% PROCESSED       0 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:   ONLINE   **COMPLETE**
                         BATCH    **COMPLETE**
PROJECTED ITERATIONS:             0 TO         0
PROJECTED ANSWERS:                0 TO         0

L2             0 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:26:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     10 TO ITERATE

100.0% PROCESSED       10 ITERATIONS                    0 ANSWERS
SEARCH TIME: 00.00.01

L3             0 SEA SSS FUL L1

=>
```